



COMDTINST 3140.2D 3 DEC 1994

COMMANDANT INSTRUCTION 3140.2D

Subj: Marine Weather Observation and Reporting

- 1. <u>PURPOSE</u>. This Instruction sets forth the policy for observing and reporting weather information from Coast Guard cutters, and provides information for obtaining weather instruments and publications.
- 2. <u>DIRECTIVES AFFECTED</u>. Commandant Instruction 3140.2C is cancelled.
- 3. <u>PROGRAM OBJECTIVES</u>. This program is established to assist the National Weather Service (NWS) and the Naval Oceanography Command in collecting marine weather data to support public and national defense needs.
- 4. <u>DISCUSSION</u>. The National Weather Service has statutory responsibility for providing weather forecasts for public use. Under the authority of 14 USC 147, the Coast Guard cooperates with NWS by reporting marine weather observations. <u>These observations are often the only marine information available to weather forecasting facilities and, as such, are critical to accurate weather analysis and forecasting. Real time reports of observed marine weather conditions are used several times daily as part of the marine and land forecasting scheme. Completed logs are used for preparation of marine climatology atlases and various marine research activities. The U.S. Navy uses marine weather data to provide environmental forecasts and services in support of fleet operations. As part of those services, the Navy provides weather forecasts (WEAX) and Optimum Track Ship Routing (OTSR) to Coast Guard cutters upon request.</u>

5. PROCEDURES.

a. <u>Units Affected</u>. For purposes of this Instruction, cutters responsible for making marine weather observations are designated as Category One or Category Two as follows:

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- 5. a. (1) Category One: This category consists of all WAGB, WHEC, WMEC, and WLB class cutters with a radioman assigned and which have radioteletype or radiotelegraph capability.
 - (2) Category Two: This category consists of cutters of other classes which may be designated by area or district commanders to make weather reports.

b. <u>Observations and Transmission of Reports</u>.

- (1) All cutters shall make and report weather observations at least four (4) times daily at 0000, 0600, 1200 and 1800 GMT when underway. Vessels in coastal waters (out to about 100 miles) should make weather reports at three hourly intervals starting at 0000 GMT. Where possible all reports should be transmitted on the report hour, or a few minutes before, to assure making the NWS computer model runs. Reporting times may be altered at the discretion of the operational commander to meet mission requirements or special requests of the Navy or the National Weather Service.
- All cutters shall send weather reports by PRIORITY precedence message via radioteletype or radiotelegraph. Radiotelephone shall be used only when teletype or telegraph are not available. Weather reports may be sent in the World Meteorological Organization (WMO) ship synoptic code format (same as on NOAA Form 72-1A) over the radiotelephone by pronouncing the numbers of the code phonetically. Radio call sign should always precede the weather message, except when SPREP or STORM prefixes are used (see pp. 1-9 and 1-10 of National Weather Service Observing Handbook No. 1.) Reports shall not be transmitted when the commanding officer or other authority determines that transmission may compromise a mission such as law enforcement. However, it is important to resume reporting weather as soon as possible with most recent observations taking precedence over older ones.
- (3) Category One cutters shall address weather observation messages to "OBS METEO WASH DC". Vessels using Navy weather forecast (WEAX) or Optimum Track Ship Routing (OTSR) services shall also include the servicing Naval Oceanography Command Center as an action addressee in order to provide updated position and weather input.
- (4) Category One cutters engaged in certain operations should conceal their position or movements. In such cases, weather messages shall be sent "UNCLAS EFTO" to the appropriate AIG only. The National Weather Service does not have a capability for handling encrypted traffic. AIGs are as follows:
 - (a) AIG 7608 for ships operating in the North Pacific, South Pacific, Indian Ocean and all areas south of 60 degrees South. This AIG includes: FLENUMOCEANCEN Monterey CA NAVWESTOCEANCEN Pearl Harbor HI NAVOCEANCOMCEN Guam

- 5. b. (4) (b) <u>AIG 7641</u> for ships operating in the North Atlantic, South Atlantic, Baltic Sea, Red Sea, Mediterranean Sea and areas north of 60 degrees North. This AIG includes: FLENUMOCEANCEN Monterey CA NAVEASTOCEANCEN Norfolk VA NAVOCEANCOMCEN Rota SP
 - (5) All cutters under Naval operational control shall transmit weather reports in accordance with Navy instructions and directives as specified in the appropriate operation order. Cutters shall record all weather observations made while under Naval OPCON on the designated NOAA form (see paragraph 5.c.) and mail completed forms to their servicing Port Meteorological Officer (PMO) on return to port (enclosure 3).

c. Recording and Logging Procedures.

- (1) Category One and Category Two cutters shall record observed weather on NOAA Form 72-1 series (presently 72-1A) SHIP'S WEATHER OBSERVATIONS. Detailed instructions and coding information for this form are contained in the National Weather Service Observing Handbook No. 1 Marine Surface Weather Observations (NWSOH No.1) which may be obtained from the nearest Port Meteorological Office listed in enclosure (3). NOAA Form 72-4A WEATHER REPORT FOR IMMEDIATE RADIO TRANSMISSION is used to send the weather observations to the radio operator. Examples of these forms are contained in enclosure (1).
- (2) Weather observation forms (NOAA form 72-1 (series)) which contain one or more observations shall be mailed to the servicing Port Meteorological Officer (enclosure 3) at the end of each month or upon return to port if the deployment exceeds 30 days.

d. Precision Instrument Allowance

(1) Category One cutters with a radioman assigned routinely or with a radioman assigned by the operational commander for an extended mission shall maintain a Navy class "C" basic meteorological allowance. The class "C" allowance is outlined in the NAVAIR ALLOWANCE LIST, METEOROLOGICAL EQUIPMENT FOR NAVY METEOROLOGICAL UNITS, SECTION L, NAVAIR 00-35QL-22; available from: Commanding Officer, Naval Publications and Forms Center 5801 Tabor Avenue Philadelphia, PA 19120 This publication also specifies the procedures for obtaining the materials. Enclosure (2) lists the class "C" allowance and differentiates between the materials which are provided by the Navy and those which are procured from Coast Guard funds. The cutter's initial outfitting is chargeable to OG-46 allotments for Marine Science Activities support. Replenishment of allowance is the responsibility of the unit and should be charged to OG-30 accounts.

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- 5. d. (2) Instruments, such as barometers, shall be ordered by individual vessels. Assistance on installation and calibration may be obtained from the nearest PMO, or assistance may be obtained from the nearest Navy weather unit. Barometers shall be calibrated before the beginning of each deployment of over 20 days or every six months, or at any time there is a suspected malfunction in the instrument.
 - (3) Material listed on enclosure (2) which is provided by the Navy shall be returned to the Navy upon decommissioning of the vessel or change in allowance.
 - (4) Category Two cutters shall maintain the meteorological equipment specified in the appropriate cutter class allowance list. These allowance lists generally authorize sufficient instrumentation to allow routine weather observations.

6. ACTION.

- a. <u>Commanding Officers of Category One cutters</u> shall maintain a Navy class "C" meteorological allowance and make observations and reports as required by this Instruction.
- b. <u>Commanding Officers of Category Two cutters</u> shall make and report weather observations in accordance with this Instruction when so directed by area or district commanders.

c. Special Requests.

- (1) Commanding Officers of units which receive special requests from the National Weather Service are urged to comply to the extent that operations and resources permit.
- (2) All such requests shall be reported to the concerned area and district commanders for information purposes.
- (3) Any requests believed to be beyond the scope or intention of this instruction shall be forwarded with recommendations to the Commandant (G-OIO) via the cognizant Area and District Commander.

d. Area and District Commanders shall:

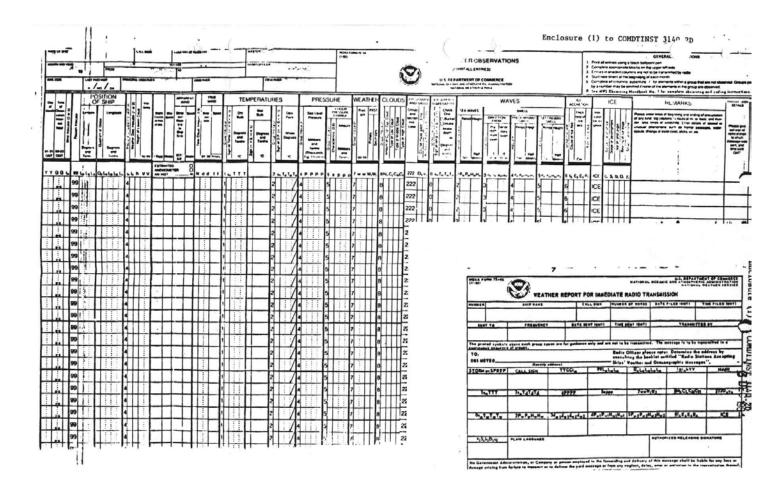
- (1) Coordinate with appropriate NWS regional offices in designating special weather reporting requirements for cutters.
- (2) Provide assistance to cutters to maintain an effective program of marine weather reporting.

- 7. FORMS AVAILABILITY AND ASSISTANCE. All cutters may obtain assistance in ordering forms, manuals, maintenance and calibration of equipment and any questions on meteorological training and procedures from the PMO; the nearest Naval Oceanography Command Center/Facility or from any Navy Weather Unit. Areas of responsibility of the Naval Oceanography Command Centers are given in enclosure (4). The Navy maintains a Meteorological and Oceanographic Equipment Program (MOEP) through which commands may receive assistance in equipment repair. MOEP areas of responsibility are shown in enclosure (5). Requests for MOEP assistance shall be submitted to the servicing Naval Oceanography Command Center/ Facility. In cases where the PMO or MOEP is unable to provide technical assistance, requests for technical service to repair, maintain or calibrate instruments should be addressed to Commandant (G-EOE) via the district and area, and contain the following information:
 - a. Nomenclature of equipment for which assistance is requested.
 - b. Specific nature of technical difficulty.
 - c. Availability of spare parts and test equipment; if required.
 - d. PMO and/or MOEP unable to provide assistance.

/s/ N.C. VENZKE Chief, Office of Operations

Encl: (1) NOAA Forms 72-1A and 72-4A; examples

- (2) Class "C" Meteorological Allowance
- (3) National Weather Service Port Meteorological Officers
- (4) Naval Oceanography Command Center Areas of Responsibility
- (5) MOEP Areas of Responsibility



CLASS "C" METEOROLOGICAL MATERIAL (From NAVAIR 00-35QL-22 Rev. August 1979)

1. Class "C: allowance items $\underline{\text{not}}$ requiring U.S. Coast Guard reimbursement initially or upon replenishment.

				UNIT OF
a.	FSN 2RH6660005929002HX (NOTE: Furnished on a one-for-one replenishment basis)	NOMENCLATURE Wind Measuring Set-Portable, AN/PMQ-3(), complete with carrying case, spare vane tail and	QUANTITY 1	ISSUE EA
		detector. WT 15.0 CU 2.0		
b.	2RH6685006003777HX (NOTE: Furnished on a one-for-one replenishment basis)	Barometer-Precision Anerold ML-448/UM, Mounting Base not included, WT 7.3 CU 1.0	1	EA
С.	0108500015000	Pub-International Cloud Atlas. Abridged NW 50-1D-509	1	EA
d.	0108500016500	Chart, Cloud Code NW 50-1G-521	1	EA
f.	0108500034500	Publication, Density Altitude Computer Technical Manual	1	EA
е.	0108500028010	Publication-Weather Radar Observations NW50-IP-2	1	EA
g.	0108500039000	Pub-Aneroid Barometer Navy Aero 1936, overhaul instructions AN 50-30FR-11	1	EA
h.	0108500047000	Publication, Aerological Calculators, Computers and Evaluators, Operation and care of	1	EA
i.	0108500049500	Publication, Electric Psychrometer ML-450A/MU operation, service and overhaul instructions NW 50-30 FR-529	1	EA

CLASS "C" METEOROLOGICAL MATERIAL (From NAVAIR 00-35QL-22 Rev. August 1979) (con't.)

				UNIT OF
j.	FSW 0108500050000	NOMENCLATURE Publication, Electric Psychrometer ML-450A/UM operation instructions with psychrometric charts NW 50-30 FR-530	QUANTITY 1	ISSUE EA
k.	0108500057500	Publication, Anerold Barometer, ML-448/UM, operation and maintenance instructions. Bendix NW 50-30ML 448-501	1	EA
1.	0108500058000	Pub-Aneroid Barometer, ML-448/ UM, overhaul instructions Bendix NW 50-30 ML 448 502	1	EA
m.	0108500058500	Pub-Aneroid Barometer ML-448/UM, Illustrated Parts Breakdown. Bendix NW 50-30ML 448-503	1	EA
n.	0108500093500	Pub-Mariners Worldwide Climatic Guide to Tropical Storms at Sea NA 50-1C-61	1	EA
0.	0108000076500	Pub-AN/PMQ-3C Wind Measuring Set, operation and service instructions NA 50-30PMQ3C-1	1	EA
p.	0I08000106530	Pub-Section L Meteorological Allowances NA 00-35 QL-22	1	EA
q.	1101080006020	Form-Ship Weather Obs Sheet	2	HD
r.	0I01080314005	Form-Navy AIREP Flight log NOM 3140/1	2	PD

Enclosure (2) to COMDTINST 3140.2D

CLASS "C" METEOROLOGICAL MATERIAL (From NAVAIR 00-35QL-22 Rev. August 1979) (con't.)

				UNIT OF
	FSN	NOMENCLATURE	QUANTITY	ISSUE
s.	0101080314040	Form-Surface Weather Obs. (Ship) NWSC 3140/8	2	PD
t.	0I01080314045	Form-NAVWEASERVCOM Ship Code Card NWSC 3140/9	1	EA
u.	0106911200100	Pub-ASW Oceanographic Support Product Manual, Vol. 1 DIRNAV- OCEANMETINST C3160.4	1	EA
V.	0I0691120Q200	Pub-ASW Oceanographic Support Product Manual Vol. 2 (Confidential) DIRNAVOCEANMETINST C3160.4	1	EA

Enclosure (2) to COMDTINST 3140.2D

CLASS "C" METEOROLOGICAL MATERIAL (From NAVAIR 00-35QL-22 August 1979) (con't)

2. Class "C" allowance items $\underline{\text{requiring}}$ U.S. Coast Guard reimbursement both initially and upon replenishment.

-				UNIT OF	UNIT	TOTAL
а.	FSN 9Y 61350012001020	NOMENCLATURE Battery, Dry C 11, Size D, for ML-450A/UM Electric Psychrometer	QUANTITY As required	ISSUE PG	COST \$3.22	COST \$ 3.22
b.	9G6240002465060	Lamp Electric Psychrometer F/W ML-450A/UM	1	EA	\$.42	\$.42
с.	9G 6685005154219	Tube-Thermometer replacement, Minus 20 to plus 120 Deg. F. WT 0.3 cu 0.1	As required	EA	\$6.00	\$ 6.00
d.	1RM6685005154220HX	Thermometer-Standard Air Minus 20 to plus 120 Deg F Mounted on stainless steel back WT 0.05 cu 0.1	6	EA	\$9.00	\$54.00
е.	1RM6605005534645 HX	Computer-True Wind, CP-264/U for computing true wind direction and speed while underway. WT 0.5 cu 0.	3	EA	\$9.80	\$29.40
f.	9G 6685005624440	Handle, Sling Psychrometer	1	EA	\$3.07	\$ 3.07
g.	9Z 5355005763551	Cursor-Psychrometric Computer for CP-165A/UM WT 0.1 cu 0.01	1	EA	\$24.29	\$24.29
h.	9G 6685005908759	Psychrometer-Electric ML-450A/UM, portable, complete with case and spare tube set, powered by 3 size D batteries which are not included. WT 4.0 cu 1.0	1	EA	\$95.23	\$95.23

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CLASS "C" METEOROLOGICAL MATERIAL (From NAVAIR 00-35QL-22 August 1979) (con't)

				UNIT		
	FSN	NOMENCLATURE	OUANTITY	OF ISSUE	UNIT COST	TOTAL COST
i.	9G 6685005913824	Tube Set, Psycrometer, Matche thermometers for ML-450A/UM, straight type tube. WT 0.5 cu 0.1	As required	SE	\$20.00	\$20.00
j.	1н 7530000977971	Paper-Facsimile recorder F/W ALDEN 519 6 per Box 04855-A2- 19MTEA	As required	HD	\$48.00	\$48.00
k.	9G 6685006027209	Computer-Psychrometric Cp-165A/UM, circular plastic slide rule WT 0.5 cu 0.5	1	EA	\$24.00	\$24.00
1.	9G 9390006637004	Wicking-Muslin, 3 inch length, for use with sling psychrometer 50 per box	1	BX	\$.21	\$.21
m.	9G 6660006753399	Base-Anerold Barometer Mounting for ML-448/UM WT 3.0 cu 1.0	1	EA	\$58.85	\$58.85
n.	9D 8465006826854	Goggles, Darkness Adaptation	As required	PR	\$ 2.07	\$ 2.07
0.	9G 6660007401790	Air Intake-Plastic replacement, for Electric Psychrometer ML -450A/UM	As required	EA	\$ 3.40	\$ 3.40
p.	9G 6660009838752	Psychrometer	1	EA	\$13.56	\$13.56
q.	9G 6660009550872	Computer-Density Altitude CP-718/UM WT 0.3 cu 0.2	1	EA	\$ 8.97	\$ 8.97

CLASS "C" METEOROLOGICAL MATERIAL (From NAVAIR 00-35QL-22 August 1979) (con't)

				UNIT		
				OF	UNIT	TOTAL
	FSN	NOMENCLATURE	QUANTITY	ISSUE	COST	COST
r.	9G 4140006105169	Fan, ML-450A/UM Axial WT 0.30 cu 0.01	As required	EA	\$17.23	\$17.23
s.	IRM6660008016393	Indicator-Wind Portable, 2 scales 0 to 9 KTS and 0 to 58 KTS	1	EA	\$10.50	\$10.50

NATIONAL WEATHER SERVICE PORT METEOROLOGICAL OFFICERS

The Port Meteorological Officers visit ships enlisted in the Voluntary Observing Ship (VOS) Program.

They (1) check and calibrate barometers and other meteorological instruments aboard ships.

- (2) assist captains and mates with problems regarding weather observations, preparation of weather maps at sea, and interpretation of forecasts, conduct observer training, and
- (3) supply meteorological manuals and forms to ships.

In addition, they provide some meteorological equipment to ships enrolled in the Voluntary Observing Ship (VOS) Program.

Sources of Marine Information and Forecasts

Ships in the NWS Voluntary Observing Ship Program are entered into a data bank which puts each ship on the mailing list for the <u>Mariners Weather Log</u>, a quarterly magazine on marine weather; quarterly distribution of <u>Pilot Charts</u> for the appropriate ocean, and the weekly <u>Notice to Mariners</u> so that navigational charts may be kept up to date.

On the initial outfitting of a newly recruited vessel, they receive:

- 1. <u>National Weather Service Observing Handbook No. 1</u>, <u>Marine Surface Weather Observations</u>
- 2. Radio Stations Accepting Ship's Weather and Oceanographic Observations
- 3. Selected Worldwide Marine Weather Broadcasts
- 4. Ship's Code Card for encoding/decoding weather reports
- 5. All of the necessary forms and pre-addressed envelopes to the servicing PMO
- 6. Various Defense Mapping Agency and Naval Oceanographic Command forms and publications
- 7. Sea water temperature thermometer and dip for measuring surface water temperature.
- 8. True wind plotting board and calculator for calculating true wind speed and direction from a moving vessel.

Enclosure (3) to COMDTINST 3140.2D

ADDRESSES OF NATIONAL WEATHER SERVICE PORT METEOROLOGICAL OFFICES ATLANTIC PORTS

Mr. Joseph Takach, PMO National Weather Service, NOAA GULF OF MEXICO PORTS

Building 51

Mr. Earle Ray Brown, Jr., PMO National Weather Service, NOAA Norfolk International Airport
Norfolk, Virginia 23518 Mr. Julius Soileau, PMO
804-441-6326 (FTS 827-6326) National Weather Service, NOAA
Route 6. Box 1048

Mr. Peter Connors, PMO Alvin, Texas 77511
National Weather Service, NOAA 713-228-2527 (FTS 526-5834) 1600 Port Boulevard Miami, Florida 33132 305-358-6027

Box 18367 Jacksonville, Florida 32229 904-757-1370

PACIFIC PORTS

Seattle, Washington 98115 206-527-6100 (FTS 446-6100)

Airport P. O. Box 6249 P. O. Box 6249 Silver Spring Oakland, California 94614 301-427-7724 415-273-6257 (FTS 536-6257)

Mr. Robert Baskerville, PMO
National Weather Service, NOAA
30 Rockefeller Plaza
New York, New York 10112
212-399-5569 (FTS 662-5569)
Terminal Island, California 90
213-548-2539 (FTS 796-2539)

Newark International Airport

Newark, New Jersey 07114

201-624-0890 (FTS 341-6188)

Port Meteorological Office

National Weather Service, NOAA

1120 Old Spanish Trail

Slidell, Louisiana 70458

504-649-0429 (FTS 682-6891)

GREAT LAKES PORTS

Mr. George Smith, PMO
Mr. Richard Rasmussen, PMO
National Weather Service, NOAA
Hopkins International Airport
Jacksonville International Airport
Cleveland, Ohio 44135 216-267-0069 (FTS 293-4949)

REPUBLIC OF PANAMA

Mr. Robert Melrose, PMO Mr. Donald Olson, PMO

National Weather service, NOAA

7600 Sand Point Way, N.E.

715700

National Weather service, NOAA

APO Miami, Florida 34005

(Local: Ft. Davis, Republic of Panama Telephone 43-1565) National Weather Service, NOAA

NATIONAL WEATHER SERVICE

Mr. James Mullick, PMO
Mr. Jerome W. Nickerson
National Weather Service, NOAA
Metro Oakland International
National Weather Service, NOAA
Noal Weather Service, NOAA
Noal Weather Service, NOAA
Noal Weather Service, NOAA
Noal Weather Service, NOAA 8060 13th Street Silver Spring, Maryland 20910

Note: PMO list updated in each Mariners' Weather Log

Enclosure (3) to COMDTINST 3140.2D

OTHER NATIONAL WEATHER SERVICE MARINE FACILITIES

The following National Weather Service offices will provide a marine weather briefing and a barometer check by telephone. They will also comply with, or relay, requests for forms or services to the closest Port Meteorological Officer.

ATLANTIC COASTAL AREA

National Weather Service Office Federal Building P.O. Box 3563 Portland, ME 04104 207-773-0352 (FTS 8-833-3552) 904-757-1370(FTS 8-946-3620)

National Weather Service Forecast Office Logan International Airport

West Palm Beach, FL 33406 East Boston, MA 02128 617-567-4670 (FTS 8-223-1354)

National Weather Service Office International Airport Box 19367 Jacksonville, FL 32229

National Weather Service Office 4245 Southern Blvd. 305-694-3633 (FTS 8-350-7229)

CARIBBEAN AREA

National Weather Service Office Ignor I. Sikorsky Municipal Airport Stratford, CT 06497 203-379-4328 (FTS 8-643-4898)

National Weather Service Forecast Office Federal Bldg., Room 9258 600 Arch Street Philadelphia, PA 19106 215-365-2170

National Weather Service Office

Baltimore-Washington International Airport Baltimore, MD 21240 301-922-2177

National Weather Service Office RFD 6, Box 50 Wilmington, NC 28405 919-763-8331 (FTS 8-763-4975)

National Weather Service Office International Airport Charleston, SC 29411 803-744-0303 (FTS 8-677-4395)

National Weather Service Office P.O. Box 7207 Savannah, Ga 31408 912-964-1507 (FTS 8-248-4445)

National Weather Service Forecast Office Isla Verde International Airport San Juan, PR 00913 809-791-0376

GULF COAST AREA

National Weather Service Office Federal Building, Room 312 2301 First Street Ft. Myers, FL 33901 913-332-4220

National Weather Service Office 1409 24 Street, S.E. Ruskin, FL 33570 813-645-2323 (FTS 8-826-2271)

National Weather Service Office P.O. Box 4116 Pensacola, FL 32506 904-455-6211 (FTS 9-496-5276)

National Weather Service Office P.O. Box 8903 Mobile, AL 70807 205-694-6625

National Weather Service Office Ryan Airport Baton Rouge, La 70807 504-357-9743 (FTS 8-697-0303)

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National Weather Service office National Weather Service P.O. Box 5423 Lake Charles, LA 70606 318-477-5285 (FTS 8-687-7220)

National Weather Service Office International Airport R.R. #2, Box 900 Corpus Christi, TX 78410 512-289-0898 (FTS 8-734-3337) 907-487-2102 or 907-486-3694 National Weather Service Office PACIFIC AREA Brownsville, TX 78520 512-542-2438 (FTS 8-734-8217)

PACIFIC COASTAL AREA

National Weather Service Officer Lindbergh Field 2980 Pacific Highway San Diego, CA 92101 714-293-5678 (FTS 8-895-5678)

National Weather Service Office 808-836-1831 P.O. Box 1447 Eureka, CA 95501 707-443-6484 or 707-442-2171

National Weather Service Office Route 1 Box 941 Warrenton, OR 97146 503-861-2722

National Weather Service Forecast Office 5420 N.E. Marine Drive Portland, OR 97218 503-281-2618 (FTS 8-423-2340)

ALASKAN AREA

National Weather Service Office Box 5113, Star Route 5 Juneau, AK 99801 907-586-7491

National Weather Service Office Box 427 Valdez, AK 99686 907-835-4505

Forecast Office Box 27, 701 C Street Anchorage, AK 99513 907-271-5105

National Weather Service Box 37 Kodiak, AK 99619

National Weather Service Meteorological Observatory

Route 8 Agana, Guam Marianas Islands 96910 355-5924

National Weather Service Forecast Office Honolulu International Airport Honolulu, HI 96813

National Weather Service National Weather Service Pacific Region Headquarters 300 Ala Moana Blvd., Rm. 4410

Honolulu, HI 96813 808-546-5688

